

Semiconductor Insider

Issue 43, August 2011

Featured Jobs:

We have over 100 openings right now! Here are just a few. [See more on our website>>](#)

Click titles for full details.

Resource Engineer – Etch
Long term, Newport Beach, CA, Job #1933

Resource Engineer – CVD
Long term, Wilmington, MA, Job #2026

Resource Engineer – Implant
Long term, Wilmington, MA, Job #2025

Resource Engineer – RTP
1+ month, various locations, Job #1928

Resource Engineer – HDP
2 +/- months, various locations, Job #1934

Resource Engineer – Producer CVD
2 weeks, travel, Job #1929

[All Openings>>](#) [Job Seeker Services>>](#)

“N” Quote

“ I know I made the right choice in joining the NSTAR family. With NSTAR you're never alone in the field. Thank you for all your hard work! ”

- JM, Texas

[See more reasons to work for NSTAR >>](#)

Referral CoNtest WiNners July 2011

Alberto X. LaTerrance C.
Javier R.

William E. Darrel E.

Congrats, and Thank You!

Refer someone, and be entered into the monthly drawing for a \$50 gift card of your choice!

[Refer someone now to be entered>>](#)

FuN Fact:

14.2 million...

Number of computers available for classroom use in the nation's schools as of the 2005-2006 school year. That works out to one computer for every four students.

[Learn More>>](#)



Industry News (click title to view original source.)

[Disaster Hits Japan's Semiconductor Demand](#)

March's earthquake and disaster in Japan are still affecting the global semiconductor market and may continue to do so for months to come. IDC is forecasting semiconductor growth to be down to 0.9% in 2012 compared with 3.6% growth in 2011.

[Hemlock Semiconductor and Solar Growth](#)

With prices falling for its core product and the prospect of new global competitors entering the market, Hemlock Semiconductor Group isn't panicking. The company remains in growth mode and has a strategy to deal with price fluctuations for polycrystalline silicon, the building block for solar-energy products and microchips.

[Cypress Semiconductor Feeds Touch-Screen Frenzy](#)

With touch screens on smart phones, tablet computers, digital cameras and “smart” kiosks changing how we interact with the digital world, demand is exploding for specialized chips. Cypress Semiconductor Corp. announced plans to triple manufacturing capacity at its Bloomington factory and nearly triple capital spending to \$70 million to meet exploding demand for its TrueTouch family of chips that manage touch-screen signals.

[ON Semiconductor Launches New High Speed USB Switch](#)

ON Semiconductor has introduced a high speed USB switch to support the new Mobile High Definition Link interface standard for High Definition video and digital audio. The switch allows smartphones and other portable consumer electronics to connect with HD televisions for high speed content sharing.

[Personal DNA Sequencing Machine One Step Closer](#)

The reductions in cost and time for generating DNA sequence have resulted in a range of new sequencing applications in cancer, human genetics, infectious diseases, and the study of personal genomes, as well as in fields as diverse as ecology, and the study of ancient DNA. A new, low-cost gene sequencing machine has been developed and may unlock the door to advanced medicines and life itself. The system uses semiconductors to decode DNA.

[National Semiconductor Encourages Children to be Active](#)

National Semiconductor has donated £3,500 to Greenock Hockey Club to help them in their drive to encourage school children to become involved in the sport. National Semiconductor's sponsorship will allow the club to widen its coverage to all local secondary schools where they will look to spend a couple hours a week for several weeks.

[ON Introduces Automotive Grade Boost Controller](#)

ON Semiconductor introduced a new adjustable output non-synchronous boost controller for automotive systems. The NCV8871 is a wide input voltage device, with a range of 3.2 volts to 44 volts. This new boost controller has a 3.0 microampere quiescent current when in sleep mode, allowing power consumption to be minimized.

[TSMC Wins Social Responsibility Award](#)

Chinese-language Common Wealth Magazine rewarded Taiwan Semiconductor for its outstanding effort in social responsibility. Companies were judged on four criteria – corporate governance, corporate commitment, social engagement and environmental protection. TSMC won first place in the large enterprise group.

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Employers, What can NSTAR do for you? Training Support

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Job Seeker Insight

(click title to view original source.)

Six Summer Job Search Tips

Are you taking a break from the job search and surrendering to the lazy days of summer? Here are six tips to keep your search moving forward in the summertime.

30 Second Commercial

As a job seeker, you want to be ready, at a moment's notice, with your "30 Second Commercial" as you run into people in your daily life. Here are the top three must have networking tips for your 30 second commercial.

Searching Online for Your Perfect Job

Today's economy is tough, and the job market is even tougher. Luckily, you have the perfect job-search resource at your fingertips: the Internet. Follow these ten tips to give yourself an edge over the competition.

Find More Job Seeker Tips at
www.nstargs.com

ChaNges (click title to view original.)

Varian Semiconductor Merger Advances

Shareholders of Varian Semiconductor Equipment Associates have approved the merger of Varian with Applied Materials Inc. Ninety-nine percent of the shares were voted in favor of the deal. The companies expect to close the deal before the end of the year.

Solar Semiconductor to Acquire Solar Infra

Solar Semiconductor, a solar photovoltaic panel maker, has announced that it has signed up to acquire Solar Infra Inc, based in the US. The company plans to focus on Indian market both for panel supplies and off-grid lighting-cum-water pumping solutions.

Freescale Sells East Kilbride Facility

Freescale Semiconductor has sold its site in East Kilbride in one of the largest commercial property deals of the year. Freescale is leasing back 70,000 square feet of office space from the new owners Clowes Developments Scotland.

Other News of Nterest

(click title to view original.)

Ford to Sell Charging Station with New Electric Car

Later this year, Ford will unveil the electric version of its best-selling Focus and in the process launch a two-pronged attack at carbon emissions in the US. Not only will the manufacturing giant be reducing emissions on the road with its first electric car, but it will be repeating the feat in the home by selling solar charging stations to its drivers.

National Solar Power to Build Solar Farm in Florida

National Solar Power announced that the proposed \$1.5 billion solar farm project will be located in one of four Florida counties; Gadsden, Hardee, Osceola or Suwannee. The solar farm is expected to produce enough electricity to power 32,000 homes and will be up and running six months after a Florida site is selected.

Efficient Lights Installed in Sacramento

The city of Sacramento is installing more energy efficient light-emitting diodes in five of its eight public parking garages, a move that is expected to save more than \$1.1 million over 11 years. The LEDs will reduce garage electricity use by more than 50 percent.

CPS to Boost Its Wind Power in 2012

CPS Energy will obtain 200 megawatts of wind power from Duke Energy Renewables at a locked-in price over the next 25 years. This will provide CPS's customers an affordable rate and will protect them from exposure to environmental regulation risk.

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Ntertainment



We wish yours the
best of luck this school year!



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